

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L2    | 19   | (preserv\$3 sav\$3) with (first primary) with (old previous\$2) near result   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/09/21 15:33 |
| L3    | 6    | (preserv\$3 sav\$3) with (first primary) with (old previous\$2) near program  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/09/21 15:33 |
| L4    | 12   | (preserv\$3 sav\$3) with (first primary) with (old previous\$2) with predict\$3   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/09/21 15:33 |
| L5    | 37   | 2 3 4   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/09/21 15:33 |
| L8    | 3296 | "key telephone system"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/09/21 16:01 |
| L10   | 4    | 8 and diagnostic adj program  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/09/21 16:02 |
| L11   | 14   | ("5276867"   "5309509"   "5410703"   "5421017"   "5452339"   "5555418"   "5734695"   "6044136"   "6047128"   "6070012"   "6151657"   "6169994"   "6256635"   "6457175").PN. | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2006/09/21 16:04 |
| L12   | 4    | printer with (fail\$3 fault error) same (test\$3 diagnos\$4) same (second\$3 backup back adj up) near (routine program code)  | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2006/09/21 16:05 |
| L13   | 32   | printer with (fail\$3 fault error) and (test\$3 diagnos\$4) same (second\$3 backup back adj up) near (routine program code)   | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2006/09/21 16:10 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L14 | 1    | printer with (fail\$3 fault error) same (test\$3 diagnos\$4) same (updat\$3 upgrad\$3) near (routine program code) | US-PGPUB; USPAT; USOCR                      | OR | ON | 2006/09/21 16:06 |
| L15 | 24   | printer with (fail\$3 fault error) same (second\$3 backup back adj up) near (routine program code)                 | US-PGPUB; USPAT; USOCR                      | OR | ON | 2006/09/21 16:11 |
| L16 | 3510 | (fail\$3 fault error) same (second\$3 backup back adj up) near (routine program code)                              | US-PGPUB; USPAT; USOCR                      | OR | ON | 2006/09/21 16:12 |
| L17 | 3    | (fail\$3 fault error) same (preserv\$3 sav\$3) near2 (second\$3 backup back adj up) near (routine program code)    | US-PGPUB; USPAT; USOCR                      | OR | ON | 2006/09/21 16:12 |
| L21 | 172  | ((first primary) with (second\$3) with (test\$3 diagnos\$4) with (program routine code) with result).clm.          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 16:49 |
| S1  | 2    | "5477338".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/18 19:20 |
| S2  | 2    | "5835806".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/18 19:31 |
| S3  | 2    | "6084690".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/18 19:33 |
| S4  | 186  | 714/44.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/18 19:34 |
| S5  | 1813 | 714/25.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/18 19:34 |
| S6  | 794  | 714/43.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/18 19:34 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S7  | 14  | S4 and predict\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 19:35 |
| S8  | 135 | S5 and predict\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 19:39 |
| S9  | 46  | S6 and predict\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 19:36 |
| S10 | 16  | S5 and predict\$3 with second\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 19:40 |
| S11 | 15  | predict\$3 near (fault fail\$3 error)<br>with second\$3 near (result<br>diagnos\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 19:44 |
| S12 | 0   | predict\$3 near (fault fail\$3 error)<br>with "in response to"                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 19:44 |
| S13 | 590 | predict\$3 near (fault fail\$3 error)<br>with respons\$5                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 19:45 |
| S14 | 115 | predict\$3 near (fault fail\$3 error)<br>near respons\$5                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 19:45 |
| S15 | 7   | predict\$3 near (fault fail\$3 error)<br>near respond\$3                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 19:45 |
| S16 | 102 | predict\$3 near (fault fail\$3 error)<br>with respons\$5 with second\$3             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 19:45 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S17 | 2  | "6763482".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/19 07:23 |
| S18 | 4  | printer near (fault error fail\$3)<br>near3 (verification verify verifying)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/19 07:43 |
| S19 | 8  | ("5748500"   "6199018"  <br>"6208981"   "6301572"  <br>"6424956"   "6597957"  <br>"6718533"   "6795798").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/09/19 07:39 |
| S20 | 5  | S19 and predict\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/19 07:43 |
| S21 | 80 | ("6199018").URPN.   | USPAT   | OR | ON | 2006/09/19 08:25 |
| S22 | 17 | ("4470092"   "4525763"  <br>"4659976"   "4761703"  <br>"4839830"   "5019760"  <br>"5189350"   "5323325"  <br>"5485491"   "5530343"  <br>"5576632"   "5629870"  <br>"5631839"   "5680025"  <br>"5710723"   "5726911"  <br>"5744723").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/09/19 08:26 |
| S23 | 97 | S21 S22   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/09/19 08:26 |
| S24 | 73 | S23 and predict\$3  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/09/19 08:26 |
| S25 | 54 | predict\$3 with printer with (fault<br>fail\$3 error)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/09/19 08:29 |
| S26 | 17 | predict\$3 with printer with (life<br>lifetime)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/09/19 08:27 |
| S27 | 53 | S25 not S26   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/09/19 08:29 |
| S28 | 5  | ("20030115591"   "20040220999"  <br>"5619307"   "5715496"  <br>"6397247").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/09/19 08:33 |

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|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S29 | 11 | (US-20040049715-\$ or US-20040225911-\$ or US-20040112136-\$).did. or (US-7089154-\$ or US-6763482-\$ or US-6199018-\$ or US-6718285-\$ or US-6397247-\$ or US-5715496-\$ or US-5710723-\$ or US-6392584-\$).did. | US-PGPUB; USPAT                             | OR | ON | 2006/09/19 13:53 |
| S30 | 3  | S29 and download\$3   | US-PGPUB; USPAT                             | OR | ON | 2006/09/19 13:53 |
| S31 | 11 | ("4586147"   "5001655"   "5200958"   "5202726"   "5239547"   "5243382"   "5317368"   "5357519"   "5533193"   "5768495"   "6353899").PN.   | US-PGPUB; USPAT; USOCR                      | OR | ON | 2006/09/19 13:56 |
| S32 | 16 | ("5768495").URPN.   | USPAT                                       | OR | ON | 2006/09/19 14:14 |
| S33 | 43 | (updat\$3 upgrad\$3) with printer with (fault fail\$3 error)  | USPAT                                       | OR | ON | 2006/09/19 14:14 |
| S34 | 2  | "6802020".pn.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/19 16:00 |
| S35 | 11 | (preserv\$3 sav\$3) with (first primary) with (second\$3) with (test\$3 diagnos\$4) near2 (program code routine)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 13:30 |
| S36 | 84 | (preserv\$3 sav\$3) with (first primary) with (second\$3) near result   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 15:32 |
| S37 | 35 | (preserv\$3 sav\$3) with (first primary) near result with (second\$3) near result   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 13:35 |
| S38 | 56 | (first primary) near result with (second\$3) near (result program routine) same predict\$3  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 13:45 |
| S39 | 1  | (sav\$3 preserv\$3) near setting with (second\$3) near2 (program routine) near2 (test\$3 diagnos\$4)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 13:46 |